UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
WASYLCHAK, STEVEN R

ART UNIT	PAPER NUMBER
3624	

DATE MAILED: 10/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)
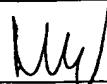
-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _10 January 2001_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-26_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-26_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some *   c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)   Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)   Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described
> as set forth in section 102 of this title, if the differences between the subject matter sought to
> be patented and the prior art are such that the subject matter as a whole would have been
> obvious at the time the invention was made to a person having ordinary skill in the art to which
> said subject matter pertains. Patentability shall not be negatived by the manner in which the
> invention was made.

2.   Claims 1-26 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Underwood (US 6,718,535).

Claims:

1.   A system for mapping values collected in connection with creation of end-

user orders for communications services to corresponding inter-provider orders,

comprising: abstract; col 296, L10-19, 26-28

        an end-user ordering module operable to:/ col 66, L 65 to col 67, L 9

determine whether an end-user requested service item contained in a service

provider product catalog relates to a service item type having at least one

associated developer defined label (DDL), the DDL extending the attributes of

the associated service item type by specifying an additional attribute for which a

value may be collected from the end-user and supplied in connection with

creation of an end-user order for the requested service item, the value not

needed to complete the end-user order but collected and supplied to avoid

needing to collect the value from the end-user in connection with subsequent

creation of an inter-provider order that corresponds to the end-user order;

if the requested service item relates to a service item type having at least one

DDL, prompt a user of the end-user ordering module to collect from the end-user

and supply a value for the additional DDL-specified attribute in connection with

creation of the end-user order for the requested service item; and

communicate the end-user order for use in subsequently creating the

corresponding inter-provider order; and

an inter-provider ordering module coupled to the end-user ordering module and

operable to:

receive the end-user order;/col 184, L 7-15; col 91,L 12-19; col 90, L43-53; col

25< L 5-13; col 28, L 48-51: col 30, L 8-13; col 29, L 20-35; col 36, L 55-67; col

22, L 62 to col 23,L 10

Underwood discloses determine whether the end-user order has a value for the

DDL-specified attribute/; col 91,L 12-

19; col 90, L43-53. Underwood does not disclose additional DDL.

Official notice is taken that this feature is old and well known in

the e-commerce art and / or retail art.   It would have been obvious to one of

ordinary skill in the art at the time of applicant's invention to implement this

feature for the advantage of a more robust system; mere multiplicity is not novel

absent a new function.

if the end-user order has a value for the additional DDL-specified attribute,

automatically map the value from the end-user order to an appropriate field of the

inter-provider order such that the value need not be collected from the end-user

in connection with creation of the inter-provider order./col 30, L 20-34

2.　　The system of Claim 1, wherein the inter-provider order comprises an industry standard Local Service Request./col 25, L 5-13; col 29, L 20-35(order is a request)

3.　　The system of Claim 2, wherein:

the requested service item is an unbundled port;/col 138, L 23-43

the additional DDL-specified attribute is selected from the group consisting of a Local Existing Account Number (LEAN) and a Local Existing Account Telephone Number (LEATN); and

the associated service item type is provided for mapping an unbundled port from an end-user order to an LSR./col 138, L 23-43;

4.　　The system of Claim 2, wherein the DDL allows a developer of the end-user ordering module to provide for collection of additional attribute values in response to an industry mandated change in LSR format without necessitating the development of new software./col 22, L 62 to col 23, L 10

5.　　The system of Claim 2, wherein the value is automatically mapped to appropriate fields of multiple forms included within the LSR./col 140, L 59 to col 141, L3

6.　　The system of Claim 1, wherein the end-user ordering module is operable to relate the requested service item to a product specification and relate the product specification to a service item type to determine whether the requested service item relates to a service item type having a DDL.; col 312, L 36-67; col 313, L 38-58

7.   The system of Claim 1, wherein the end-user ordering module is further

operable to validate that the value for the additional DDL-specified attribute has

been supplied before communicating the end-user order./ col 91,L 12-19; col 90,

L43-53

8.   Software for mapping values collected in connection with creation of end-

user orders for communications services to corresponding inter-provider orders,

the software embodied in a computer-readable medium and when executed by

one or more computers operable to:

determine whether an end-user requested service item contained in a service

provider product catalog relates to a service item type having at least one

associated developer defined label (DDL), the DDL extending the attributes of

the associated service item type by specifying an additional attribute for which a

value may be collected from the end-user and supplied in connection with

creation of an end-user order for the requested service item, the value not

needed to complete the end-user order but collected and supplied to avoid

needing to collect the value from the end user in connection with subsequent

creation of an inter-provider order corresponding to the end-user order;

if the requested service item relates to a service item type having at least one

DDL, prompt a user of the software to collect from the end-user and supply a

value for the additional DDL-specified attribute in connection with creation of the

end-user order for the requested service item; and

provide the end-user order for use in subsequently creating the corresponding

inter-provider order;

determine whether the end-user order has a value for the additional DDL

specified attribute; and

if the end-user order has a value for the additional DDL-specified attribute,

automatically map the value from the end-user order to an appropriate field of the

inter-provider order such that the value need not be collected from the end-user

in connection with creation of the inter-provider order./ refer all to claim 1 .

9.   The software of Claim 8, wherein the inter-provider order comprises an

industry standard Local Service Request./ refer to claim 2

10.   The software of Claim 9, wherein:

the requested service item is an unbundled port;

the additional DDL-specified attribute is selected from the group consisting of a

Local Existing Account Number (LEAN) and a Local Existing Account Telephone

Number (LEATN); and

the associated service item type is provided for mapping an unbundled port from

an end-user order to an LSR./refer all to claim 3

11.   The software of Claim 9, wherein the DDL allows a developer of the

software to provide for collection of additional attribute values in response to an

industry mandated change in LSR format without necessitating the development

of new software./ refer to cl 4

12.   The software of Claim 9, wherein the value is automatically mapped to

appropriate fields of multiple forms included within the LSR./refer to cl 5

13.   The software of Claim 8, wherein the software is operable to relate the

requested service item to a product specification and relate the product

specification to a service item type to determine whether the requested service
item relates to a service item type having a DDL./refer to cl 6

14.   The software of Claim 8, wherein the software is further operable to
validate that the value for the additional DDL-specified attribute has been
supplied before providing the end-user order./refer to cl 7

15.   A method of mapping values collected in connection with creation of end-
user orders for communications services to corresponding inter-provider orders,
comprising:

determining whether an end-user requested service item contained in a service
provider product catalog relates to a service item type having at least one
associated developer defined label (DDL), the DDL extending the attributes of
the associated service item type by specifying an additional attribute for which a
value may be collected from the end-user and supplied in connection with
creation of an end-user order for the requested service item, the value not
needed to complete the end-user order but collected and supplied to avoid
needing to collect the value from the end user in connection with subsequent
creation of an inter-provider order corresponding to the end-user order;

if the requested service item relates to a service item type having at least one
DDL, prompting a user to collect from the end-user and to supply a value for the
additional DDL-specified attribute in connection with creation of the end-user
order for the requested service item; and

providing the end-user order for subsequent use in creating the corresponding
inter-provider order;

determining whether the end-user order has a value for the additional DDL

specified attribute; and

if the end-user order has a value for the additional DDL-specified attribute,

automatically mapping the value from the end-user order to an appropriate field

of the inter-provider order such that the value need not be collected from the end-

user in connection with creation of the inter-provider order./ refer to cl 1

16.   The method of Claim 15, wherein the inter-provider order comprises an

industry standard Local Service Request./ refer to cl 2

17.   The method of Claim 16, wherein:

the requested service item is an unbundled port;

the additional DDL-specified attribute is selected from the group consisting of a

Local Existing Account Number (LEAN) and a Local Existing Account

Telephone Number (LEATN); and

the associated service item type is provided for mapping an unbundled port

from an end-user order to an LSR./ refer to cl 3

18.   The method of Claim 16, wherein the DDL allows a developer of software

performing the method to provide for collection of additional attribute values in

response to an industry mandated change in LSR format without necessitating

the development of new software./ refer to cl 4

19.   The method of Claim 16, wherein the value is automatically mapped to

appropriate fields of multiple forms included within the LSR./ refer to cl 5

20.   The method of Claim 15, wherein the requested service item is related to

a product specification and the product specification is related to a service item

type to determine whether the requested service item relates to a service item

type having a DDL./ refer to cl 6

21.   The method of Claim 15, further comprising validating that the value for

the additional DDL-specified attribute has been supplied before providing the

end user order./refer to cl 7

22.   A system for mapping values collected in connection with creation of end-

user orders for communications services to corresponding inter-provider orders,

comprising:

means for determining whether an end-user requested service item contained in

a service provider product catalog relates to a service item type having at least

one associated developer defined label (DDL), the DDL extending the attributes

of the associated service item type by specifying an additional attribute for which

a value may be collected from the end-user and supplied in connection with

creation of an end-user order for the requested service item, the value not

needed to complete the end-user order but collected and supplied to avoid

needing to collect the value from the end-user in connection with subsequent

creation of an inter-provider order corresponding to the end-user order;

means for, if the requested service item relates to a service item type having at

least one DDL, prompting a user of the software to collect from the end-user and

supply a value for the additional DDL-specified attribute in connection with

creation of the end-user order for the requested service item; and

means for providing the end-user order for use in subsequently creating the

corresponding inter-provider order;

means for determining whether the end-user order includes a value for the

　　　additional DDL-specified attribute; and

means for, if the end-user order has a value for the additional DDL-specified

attribute, automatically mapping the value from the end-user order to an

appropriate field of the inter-provider order such that the value need not be

collected from the end-user in connection with creation of the inter-provider

order./ refer to claim 1

23, 24.　　A method performed using end-user ordering module software that

facilitates mapping of values collected in connection with creation of end-user

orders for communications services to corresponding inter-provider orders,

comprising:

determining whether an end-user requested service item contained in a service

provider product catalog relates to a service item type having at least one

associated developer defined label (DDL), the DDL extending the attributes of

the associated service item type by specifying an additional attribute for which a

value may be collected from the end-user and supplied in connection with

creation of an end-user order for the requested service item, the value not

needed to complete the end-user order but collected and supplied to avoid

needing to collect the value from the end user in connection with subsequent

creation of an inter-provider order corresponding to the end-user order;

if the requested service item relates to a service item type having at least one

DDL, prompting a user of the end-user ordering module to collect from the end-

user and supply a value for the additional DDL-specified attribute in connection

with creation of the end-user order for the requested service item; and

providing the end-user order to inter-provider ordering module software for use in

subsequently creating the corresponding inter-provider order, such that the inter-

provider ordering module software can determine whether the end-user order

has a value for the additional DDL-specified attribute and such that, if the end-

user order has a value for the additional DDL-specified attribute, the inter-

provider ordering module software can automatically map the value from the end-

user order to an appropriate field of the inter-provider order such that the value

need not be collected from the end-user in connection with creation of the inter-

provider order./ refer to cl 1

25.   Inter-provider ordering module software facilitating the mapping of values

collected in connection with creation of end-user orders for communications

services to corresponding inter-provider orders, the software embodied in a

computer readable medium and when executed by one or more computers

operable to:

        access an end-user order for use in subsequently creating a

corresponding inter-provider order;

determine whether the end-user order has a value for at least one developer

defined label (DDL), the DDL being associated with a service item type related to

an end-user requested service item contained in a service provider product

catalog, the DDL extending the attributes of the associated service item type by

specifying an additional attribute for which a value may be collected from the

end-user and supplied in connection with creation of the end-user order for the

requested service item, the value not needed to complete the end-user order but

collected and supplied to avoid needing to collect the value from the end-user in

connection with subsequent creation of the corresponding inter-provider order;

and if the end-user order has a value for the additional DDL-specified attribute,

automatically map the value from the end-user order to an appropriate field of the

inter-provider order such that the value need not be collected from the end-user

in connection with creation of the inter-provider order./ refer to cl 1

26.   A method performed using inter-provider ordering module software

facilitating the mapping of values collected in connection with the creation of end

user orders for communications services to corresponding inter-provider orders,

the method comprising:

        accessing an end-user order for use in subsequently creating a

corresponding inter-provider order;

determining whether the end-user order has a value for at least one developer

defined label (DDL), the DDL being associated with a service item type related to

an end-user requested service item contained in a service provider product

catalog, the DDL extending the attributes of the associated service item type by

specifying an additional attribute for which a value may be collected from the

end-user and supplied in connection with creation of the end-user order for the

requested service item, the value not needed to complete the end-user order but

collected and supplied to avoid needing to collect the value from the end-user in

connection with subsequent creation of the corresponding inter-provider order;

and if the end-user order has a value for the additional DDL-specified attribute,

automatically mapping the value from the end-user order to an appropriate field

of the inter-provider order such that the value need not be collected from the end-

user in connection with creation of the inter-provider order./refer to cl 1

This action is **NON-FINAL**. Any inquiry concerning this communication or

earlier communications from the examiner should be directed to Steven R.

Wasylchak whose telephone number is (703) 308-2848.   The examiner can

normally be reached on Monday-Thursday from 7:00 a.m. to 6:00 p.m. EST.

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Vincent Millin, can be reached at (703) 308-1065. The fax

number for Art Unit 3624 is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application

or proceeding should be directed to the receptionist whose telephone number is

(703) 308-1113.

Steven Wasylchak   10 / 1 / 04

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